



- NOTES:**
- 1 SALVAGE OR STABILIZE EXISTING WOOD ACCUMULATIONS WITH 8-12 PILES.
 - 2 ELJ CLUSTERS PLACED TO SPLIT FLOW AND IMPROVE HABITAT.
 - 3 ALLUVIUM EXCAVATED FROM TEMPORARY BYPASS CHANNELS USED TO BACKFILL AT ELJ'S.
 - 4 RECOMMEND MOVING HOUSE AWAY FROM POTENTIAL RIVER AVULSION PATHWAY, PENDING LANDOWNER APPROVAL.
 - 5 FLOOD FENCE GROVES INCLUDE RIPARIAN PLANTING TO RE-ESTABLISH PRODUCTIVE RIPARIAN FUNCTION.
 - 6 WDFW 2019 PHASE I FLOODPLAIN RESTORATION PROJECT TO USE EXISTING SPOIL PILE AS FILL TO SHALLOW WESTERN SHORE OF POND C.
 - 7 SELECTIVE BREACHING OF REVETMENT TO BE PLANNED IN COORDINATION WITH PHASE II OF WDFW FLOODPLAIN RESTORATION PROJECT, 2020.
 - 8 DEFLECTOR SEQUENCE WILL PROVIDE HABITAT AND SOME DEGREE OF BANK PROTECTION WHILE ALLOWING THE BANK TO DEFORM IN BETWEEN THE STRUCTURES. DEFLECTORS ARE INSTALLED IN CONJUNCTION WITH FLOOD FENCE GROVES.

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May 17, 2019 PRELIMINARY DESIGN NOT FOR CONSTRUCTION

0 1
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT PLOTTED TO ORIGINAL SCALE.



NAME OR INITIALS AND DATE	GEOGRAPHIC INFORMATION
DESIGNED RLE_MS	LATITUDE 47°03'49"N
CHECKED RLE	LONGITUDE 123°29'29"W
DRAWN MS_GM	TN/SC/RG T18W/S12/R7W
CHECKED RLE	DATE 2/14/2019

LOWER SATSOP ASSESSMENT

PROPOSED CONDITIONS - SITE 1



- NOTES:**
- ① ELJ PLACED TO PROMOTE FLOW IN RELICT FLOODPLAIN CHANNEL.
 - ② ALLUVIUM EXCAVATED FROM TEMPORARY BYPASS CHANNELS USED TO BACKFILL AT ELJ'S.
 - ③ FLOOD FENCE GROVES INCLUDE RIPARIAN PLANTING TO RE-ESTABLISH PRODUCTIVE RIPARIAN FUNCTION.
 - ④ WDFW 2019 PHASE I FLOODPLAIN RESTORATION PROJECT TO USE EXISTING SPOIL PILE AS FILL TO SHALLOW WESTERN SHORE OF POND C.
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CHECKED	RLE	LONGITUDE	123°29'29"W
DRAWN	MS, GM	TN/SC/RG	T18W/S12/R7W
CHECKED	RLE	DATE	2/14/2019

LOWER SATSOP ASSESSMENT

PROPOSED CONDITIONS - SITE 2

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SHEET 7 OF 10